

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/903,823A

CRF Processing Date: 2/4/2002

Edited by: 102

Verified by: 102 (STIC staff)

ENTERED

RECEIVED
FEB 21 2002
TECH CENTER 1600200

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 173

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

☐ Deleted extra, invalid, headings used by an applicant, specifically:

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPF

RAW SEQUENCE LISTING

DATE: 02/11/2002

PATENT APPLICATION: US/09/903,823A

TIME: 20:06:14

Input Set : N:\Crf3\02062002\I903823A.raw

Output Set: N:\CRF3\02112002\I903823A.raw

1 <110> APPLICANT: Genentech, Inc.
 2 Ashkenazi, Avi
 3 Botstein, David
 4 Desnoyers, Luc
 5 Eaton, Dan L.
 6 Ferrara, Napoleone
 7 Filvaroff, Ellen
 8 Fong, Sherman
 9 Gao, Wei-Qiang
 10 Gerber, Hanspeter
 11 Gerritsen, Mary E.
 12 Goddard, A.
 13 Godowski, Paul J.
 14 Grimaldi, Christopher J.
 15 Gurney, Austin L.
 16 Hillan, Kenneth, J.
 17 Kljavin, Ivar J.
 18 Mather, Jennie P.
 19 Pan, James
 20 Paoni, Nicholas F.
 21 Roy, Margaret Ann
 22 Stewart, Timothy A.
 23 Tumas, Daniel
 24 Williams, P. Mickey
 25 Wood, William, I.
 26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 27 Acids Encoding the Same
 28 <130> FILE REFERENCE: 10466-14
 C--> 29 <140> CURRENT APPLICATION NUMBER: US/09/903,823A
 30 <141> CURRENT FILING DATE: 2001-07-11
 31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 32 <151> PRIOR FILING DATE: 2000-02-22
 33 <150> PRIOR APPLICATION NUMBER: US 60/143,048
 34 <151> PRIOR FILING DATE: 1999-07-07
 35 <150> PRIOR APPLICATION NUMBER: US 60/145,698
 36 <151> PRIOR FILING DATE: 1999-07-26
 37 <150> PRIOR APPLICATION NUMBER: US 60/146,222
 38 <151> PRIOR FILING DATE: 1999-07-28
 39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
 40 <151> PRIOR FILING DATE: 1999-09-08
 41 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
 42 <151> PRIOR FILING DATE: 1999-09-13
 43 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

RAW SEQUENCE LISTING

DATE: 02/11/2002

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TIME: 20:06:14

Input Set : N:\Crf3\02062002\I903823A.raw

Output Set: N:\CRF3\02112002\I903823A.raw

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74   ccgcagcgcg tacccgccat gcgcctgccg ccgcggggccg cgctggggct cctgccgctt 180
75   ctgctgctgc tgcgcgccgc gccggaggcc gccagaagc cgacgccctg ccaccgggtg 240
76   cgggggctg tggacaagt taaccagggg atggtggaca ccgcaaagaa gaactttggc 300
77   ggcgggaaca cggcttgga ggaagagac ctgtccaagt acgagtccag cgagattcgc 360
78   ctgctggaga tcctggagg gctgtgcgag agcagcgact tcgaatgcaa tcagatgcta 420
79   gaggcgcagg aggagcacct ggaggcctg tggtgcagc tgaagagcga atatcctgac 480
80   ttattcgagt ggttttgtgt gaagacactg aaagtgtgct gctctccagg aacctacggt 540
81   cccgactgtc tcgcatgcc gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
82   agcggagatg ggagcagaca gggcgacggg tcctgccggt gccacatggg gtaccagggc 660
83   ccgctgtgca ctgactgcat ggacggctac ttcagctcgc tccggaacga gacccacagc 720
84   atctgcacag cctgtgacga gtcctgcaag acgtgtctcg gcctgaccaa cagagactgc 780
85   ggcgagtgtg aagtgggctg ggtgctggac gagggcgcc gtgtggatgt ggacgagtgt 840
86   gcggccgagc cgccctccctg cagcgtctgc cagttctgta agaacgcaa cggctcctac 900
87   acgtgcgaag agtgtgactc cagctgtgtg ggctgcacag gggaaggccc aggaaactgt 960
88   aaagagtgtg tctctggcta cgcgagggag cacggacagt gtgcagatgt ggacgagtgc 1020
89   tcactagcag aaaaaacctg tgtgaggaaa aacgaaaact gctacaatac tccagggagc 1080
90   tacgtctgtg tgtgtcctga cggcttcgaa gaaacggaag atgcctgtgt gccgccggca 1140
91   gaggtgaag ccacagaagg agaaagccc acacagctgc cctcccgcga agacctgtaa 1200
92   tgtgccggac ttacccttta aattattcag aaggatgtcc cgtggaaaat gtggccctga 1260
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RAW SEQUENCE LISTING

DATE: 02/11/2002

PATENT APPLICATION: US/09/903,823A

TIME: 20:06:14

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Output Set: N:\CRF3\02112002\I903823A.raw

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96      aaaaaaaaaa aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
97      gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
98      cacaaataaa gcattttttt cactgcattc tagttgtggt ttgtccaaac tcatcaatgt 1620
99      atcttatcat gtctggatcg ggaattaatt cggcgagca ccatggcctg aaataacctc 1680
100     tgaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
101     tcagttaggg tgtggaaagt cccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
102     ctcaattagt cagcaaccca gttttt                                     1825
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105 <211> LENGTH: 353
106 <212> TYPE: PRT
107 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 2
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111     Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
112             20             25             30
113     Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
114             35             40             45
115     Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
116             50             55             60
117     Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
118             65             70             75             80
119     Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
120             85             90             95
121     Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
122             100            105            110
123     Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
124             115            120            125
125     Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
126             130            135            140
127     Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
128             145            150            155            160
129     Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
130             165            170            175
131     Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
132             180            185            190
133     His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
134             195            200            205
135     Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
136             210            215            220
137     Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
138             225            230            235            240
139     Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
140             245            250            255
141     Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
142             260            265            270
143     Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys

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RAW SEQUENCE LISTING

DATE: 02/11/2002

PATENT APPLICATION: US/09/903,823A

TIME: 20:06:14

Input Set : N:\Crif3\02062002\I903823A.raw

Output Set: N:\CRF3\02112002\I903823A.raw

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146          290          295          300
147      Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro
148      305          310          315          320
149      Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
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156 <211> LENGTH: 2206
157 <212> TYPE: DNA
158 <213> ORGANISM: Homo sapiens
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162      aacagccctg gctgagggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
163      ggtgcggcac gaggagtttt cccggcagcg aggaggtcct gagcagcatg gcccgaggga 240
164      gcgccttccc tgccgcgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
165      gggcgagggc cgggcccgcg caggaggaga gcctgtacct atggatcgat gtcaccagg 360
166      caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
167      cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
168      attccatgaa ttttacctgg caagctgcag ggcaggcaga ataacttctat gaattcctgt 540
169      ccttgcgctc cctggataaa ggcacatgag cagatccaac cgtcaatgtc cctctgctgg 600
170      gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt ggaaaacagg 660
171      atgggggtggc agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720
172      tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
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175      tgactcctgg tttctgcac tgcccacctg gattctatgg agtgaactgt gacaaagcaa 960
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177      ctccaggact agagggagag cagtgtgaaa tcagcaaatg cccacaaccc tgtcgaaatg 1080
178      gaggtaaatg cattggtaaa agcaaagtga agtgttccaa aggttaccag ggagacctct 1140
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182      aggcgaggga gcggcgggat ccacctgaat ccaattacat ctggtgaact ccgacatctg 1380
183      aaacgtttta agttacacca agttcatagc ctttgtaaac ctttcatgtg ttgaatgttc 1440
184      aaataatggt cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500
185      actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag catgatggta 1560
186      tagattttct tgtttcagtg ctttgggaca gattttatat tatgtcaatt gatcaggtta 1620
187      aaattttcag tgtgtagttg gcagatatat tcaaaattac aatgcattta tgggtgtctgg 1680
188      gggcagggga acatcagaaa ggttaaatgg ggcaaaaatg cgtaagtcac agaatttgg 1740
189      atggtgcagt taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
190      ttgttacatt tttaaaaatt gctcttaatt tttaactct caatacaata tattttgacc 1860
191      ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttacactgtg gtagtggcat 1920
192      ttaaacataa taatatattc taaacacaat gaaataggga atataatgta tgaacttttt 1980
193      gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctcttac ctaataaaca 2040

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RAW SEQUENCE LISTING

DATE: 02/11/2002

PATENT APPLICATION: US/09/903,823A

TIME: 20:06:14

Input Set : N:\Crf3\02062002\I903823A.raw

Output Set: N:\CRF3\02112002\I903823A.raw

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199 <211> LENGTH: 379
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
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206      20          25          30
207      Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
208      35          40          45
209      Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
210      50          55          60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
212      65          70          75          80
213      Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214      85          90          95
215      Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
216      100         105         110
217      Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218      115         120         125
219      His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220      130         135         140
221      Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222      145         150         155         160
223      Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224      165         170         175
225      Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226      180         185         190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228      195         200         205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230      210         215         220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232      225         230         235         240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234      245         250         255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236      260         265         270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238      275         280         285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240      290         295         300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242      305         310         315         320
243      His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His

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Use of n and/or Xaa has been detected in the Sequence Listing.
 Preview the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 02/11/2002

PATENT APPLICATION: US/09/903,823A

TIME: 20:06:15

Input Set : N:\Crf3\02062002\I903823A.raw

Output Set: N:\CRF3\02112002\I903823A.raw

L:29 M:270 C: Current Application Number differs, Wrong Format

L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26

L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50

L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113

L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131

L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174

L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175

L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206



OIPE

RAW SEQUENCE LISTING

DATE: 02/06/2002

PATENT APPLICATION: US/09/903,823A

TIME: 12:13:49

Input Set : D:\sequence listing.txt

Output Set: N:\CRF3\02062002\I903823A.raw

**Does Not Comply
Corrected Diskette Needed**

3 <110> APPLICANT: Genentech, Inc.
 4 Ashkenazi, Avi
 5 Botstein, David
 6 Desnoyers, Luc
 7 Eaton, Dan L.
 8 Ferrara, Napoleone
 9 Filvaroff, Ellen
 10 Fong, Sherman
 11 Gao, Wei-Qiang
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 13 Gerritsen, Mary E.
 14 Goddard, A.
 15 Godowski, Paul J.
 16 Grimaldi, Christopher J.
 17 Gurney, Austin L.
 18 Hillan, Kenneth, J.
 19 Kljavin, Ivar J.
 20 Mather, Jennie P.
 21 Pan, James
 22 Paoni, Nicholas F.
 23 Roy, Margaret Ann
 24 Stewart, Timothy A.
 25 Tumas, Daniel
 26 Williams, P. Mickey
 27 Wood, William, I.
 29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 30 Acids Encoding the Same
 32 <130> FILE REFERENCE: 10466-14
 C--> 34 <140> CURRENT APPLICATION NUMBER: US/09/903,823A
 C--> 35 <141> CURRENT FILING DATE: 2001-07-11
 37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 38 <151> PRIOR FILING DATE: 2000-02-22
 40 <150> PRIOR APPLICATION NUMBER: US 60/143,048
 41 <151> PRIOR FILING DATE: 1999-07-07
 43 <150> PRIOR APPLICATION NUMBER: US 60/145,698
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 53 <151> PRIOR FILING DATE: 1999-09-13
 55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/903,823A

DATE: 02/06/2002

TIME: 12:13:49

Input Set : D:\sequence listing.txt

Output Set: N:\CRF3\02062002\I903823A.raw

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58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547
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61 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
62 <151> PRIOR FILING DATE: 1999-10-05
64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
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68 <151> PRIOR FILING DATE: 1999-11-30
70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
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82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
83 <151> PRIOR FILING DATE: 1999-12-20
84 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
85 <151> PRIOR FILING DATE: 2000-01-05
87 <160> NUMBER OF SEQ ID NOS: 423

ERRORED SEQUENCES

5293 <210> SEQ ID NO: 173
5294 <211> LENGTH: 43
5295 <212> TYPE: DNA
5296 <213> ORGANISM: Artificial Sequence
5298 <220> FEATURE:
5299 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
5300 oligonucleotide probe
5302 <400> SEQUENCE: 173

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(42) 43

VERIFICATION SUMMARY

DATE: 02/06/2002

PATENT APPLICATION: US/09/903,823A

TIME: 12:13:53

Input Set : D:\sequence listing.txt

Output Set: N:\CRF3\02062002\I903823A.raw

L:34 M:270 C: Current Application Number differs, Replaced Current Application Number
L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:3586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:5303 M:254 E: No. of Bases conflict, LENGTH:Input:42 Counted:43 SEQ:173
L:5344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:5479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206